

Title (en)  
IMPROVEMENTS RELATING TO ELECTRICAL POWER ASSISTED STEERING

Title (de)  
ELEKTRISCHE SERVOLENKUNG

Title (fr)  
PERFECTIONNEMENTS RELATIFS AUX SYSTEMES ELECTRIQUES DE DIRECTION ASSISTEE

Publication  
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Application  
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Abstract (en)  
[origin: WO9965758A1] An electric power assisted steering system is disclosed in which a motor (1) is adapted to provide an assistance torque to an output shaft (12) through a worm gear (13) and wheel gear assembly (11) and a biasing means (14) is provided which biases the shaft carrying the worm gear (13) into engagement with the shaft carrying the wheel gear (11). The biasing means (14) may comprise a spring member provided between the gearbox housing and the bearing (9) supporting the free end of the worm gear shaft, or a torsion spring adapted to act upon the bearing assembly.

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**B62D 5/04**; **H02K 7/116**; **F16H 55/24**

IPC 8 full level  
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CPC (source: EP KR US)  
**B62D 5/0409** (2013.01 - EP KR US); **F16C 25/083** (2013.01 - EP US); **F16D 3/68** (2013.01 - EP KR US); **F16H 55/24** (2013.01 - EP KR US); **F16H 57/025** (2013.01 - KR); **H02K 7/081** (2013.01 - EP KR US); **F16C 19/06** (2013.01 - EP US); **F16C 19/56** (2013.01 - EP US); **F16C 2361/61** (2013.01 - EP US); **F16H 1/16** (2013.01 - EP US); **F16H 57/025** (2013.01 - EP US); **F16H 2057/0213** (2013.01 - EP KR US)

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